

CORRES. CONTROL
INCOMING LTR NO.

00297 RF02

DUE DATE
ACTION

Department of Energy

ROCKY FLATS FIELD OFFICE
10808 HIGHWAY 93, UNIT A
GOLDEN, COLORADO 80403-8200

RECEIVED

2002 MAY 13 P 4: 26

CORRESPONDENCE
CONTROL

02-DOE-00368

MAY 08 2002

Mr. Steven H. Gunderson
Rocky Flats Cleanup Agreement Project Coordinator
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80222-1530

Dear Mr. Gunderson:

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction and Decontamination Activities, this letter and its enclosures provide the notification for RSOP implementation. This notification is for all activities required to bring Buildings 528, 559, and 561 to the unrestricted release criteria with the exception of RCRA unit closure. This will involve component removal, size reduction and decontamination activities utilizing the methods specified in the RSOP.

Open/active RCRA units associated with these facilities will be closed in accordance with the RSOP, but the notification requirements will be addressed under a separate notification. Once the pre-demolition survey is complete and the facility meets the unrestricted release criteria, an additional notification letter will be prepared to implement the RSOP for Facility Disposition.

A Kaiser-Hill Construction or a decommissioning subcontractor will conduct this work. If Kaiser-Hill Construction or the subcontractor would like to use a method or process not included in the RSOPs then they are required to notify Kaiser-Hill Company, L.L.C. If Kaiser-Hill Construction or the subcontractor proposes to use alternate methods, an additional notification will be made, and in consultation with the Department of Energy/Lead Regulatory Agency (DOE/LRA), the RFCA process for decision document modification will be used.

The appropriate checklists and information required by the RSOP are enclosed with this letter and should provide the necessary information. This work will be conducted in accordance with the work control documentation prepared by Kaiser-Hill Construction or the subcontractor. The exact methods and process selected by Kaiser-Hill Construction or the subcontractor and progress of the activities will be communicated to DOE/LRA through the consultative process, particularly the monthly Remediation, Industrial Decontamination and Decommissioning, and Site Services production meetings. The facility will not be breached during the activity. Questions can be directed to Steve Tower Rocky Flats Field Office at (303) 966-2133.

Sincerely,

Joseph A. Legare
Assistant Manager
for Environment and Stewardship

DIST.	LTR	END
BOGENBERGER, V.	X	X
BOGNAR, E.	X	X
BRAISFORD, M.D.		
BURNS, T.E.		
DECK, G.A.	X	X
DEGENHART, K.		
DIETERLE, S.E.		
FERRERA, D.W.	X	X
FERRI, M.S.		
GERMAN, A.L.		
GIACOMINI, J.		
HALL, L.		
ISOM, J.H.		
MARTINEZ, L.A.	X	X
MCLAUGHLIN, J.	X	X
NORTH, K.	X	X
PARKER, A.M.	X	X
POWERS, K.		
RAAZ, R.D.		
RODGERS, A.D.		
SCOTT, G.K.	X	X
SHELTON, D.C.	X	X
SPEARS, M.S.		
TRICE, K.D.		
TUOR, N.R.		
VOORHEIS, G.M.		
WILLIAMS, J.L.		
Gibbs, F.	X	X
AUBLE, M.	X	X
RICHARDSON, R.	X	X
BUTLER, L.	X	X
BROOKS, L.	X	X
LEITNER, P.	X	X
LAVERGNE, K.	X	X
ISSERDINI, J.	X	X
ARNOLD, P.	X	X
NESTA, S.	X	X

COR CONTROL	X	X
ADMIN RECORD	X	X
PATS/130		

Reviewed for Addressee
Corres. Control RFP

5/14/02 By

Ref. Ltr. #

OE ORDER #

5400-1

ADMIN RECORD

B559-A-000019

Mr. Steven H. Gunderson
02-DOE-00368

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MAY 08 2002

Enclosure

cc w/o Enc:

S. Tower, AMP, RFFO

F. Gibbs, K-H, RISS

M. Auble, K-H, RISS D&D

R. Richardella, K-H, RISS

T. Rehder, EPA

cc w/Enc:

Building 559, Administrative Record



RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

Project scope: Buildings 528, 559 and 561 S1-S3 component removal, size reduction, and decontamination			
Facility description: Building 528, Process Waste Pit (B559) Building 559, Plutonium Analytical Lab Building 561, Filter Plenum - B559			
Description of planned activity(ies): The decontamination, size reduction, and component removal required to bring Buildings 528, 559 and 561 to the unrestricted release criteria.			
Facility/rooms/sets/areas involved: Building 528, Set 1 Building 559, Set 2, Room 103 Building 559, Set 3, Room 130 Building 559, Set 4, Room 103 Building 559, Set 5, Room 102 Building 559, Set 6, Room 101 Building 559, Set 7, Room 101 Building 559, Set 8, Room 102 Building 559, Set 9, Room 103 Building 559, Set 10, Room Closures 101, 102, 103, & 129 Building 559, Set 11 Building 561 and Room 129, Set 12 Building 561, Set 13 Building 561, Set 14			
Is RCRA unit closure(s) part of the planned activity?			<input type="checkbox"/> Yes
If RCRA units are included, attach unit specific information sheets and drawings			<input checked="" type="checkbox"/> No*
*RCRA unit closure will be addressed under a separate notification letter			
Attach checklists from Appendix A of the RSOP. <i>Complete checklists by room/set/area/facility, as appropriate</i>		<input checked="" type="checkbox"/>	Component Removal/Size Reduction
		<input checked="" type="checkbox"/>	Decontamination
RLCR Status	<input checked="" type="checkbox"/>	RLCR complete and concurrence received: 3/25/2002	
	<input type="checkbox"/>	RLCR initiated but incomplete; concurrence anticipated:	
	<input type="checkbox"/>	RLC has not been initiated¹ and is scheduled for initiation on:	
If RLCR is not complete or initiated, what data will be used to plan the work activities?			
Activity requires modification to the ARARs listed in the RSOP.			<input type="checkbox"/> Yes, attach to letter
			<input checked="" type="checkbox"/> No
Attach Administrative Record file requirements for the activity.			
Point of contact for each facility/activity: Robert Richardella, 303-966-325			
Duration of work activities: 43 months Anticipated work start: 5/14/02			
Attach schedule for each facility or activity for information purposes.			
Does the activity involve removing contaminated portions of the building shell? Include a description of the activity, contamination levels and controls			<input type="checkbox"/> Yes, LRA consultation and concurrence required
			<input checked="" type="checkbox"/> No

¹ Evaluate using DPP, Sections 1.1.4 and 1.1.5 and the consultative process to implement activities

RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

Are there deviations/exceptions to the RSOP for the proposed activity(ies)?										Yes	
										No	
Provide an explanation of deviation/exception to the RSOP: Not applicable											
C. Check the appropriate resulting action box below											
Additional RFCA decision document required (PAM - IM/IRA)											
Major modification to RSOP						Field change to RSOP					
Minor modification to RSOP						LRA consultation					
Activity(ies) will result in the following waste types										Process waste	
										Remediation waste	
✓	TRU	✓	LLW	✓	LLMW	✓	Haz.	✓	Sanitary	✓	Other: recyclable/re-use
LRA Notification Review Time						✓	14 days, no RCRA unit closure involved				
							30 days, RCRA unit closure involved				

**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITY CHECKLIST**

Building: 528

Closure Project Manager: Robert Richardella

COMPONENT REMOVAL/SIZE REDUCTION

Component Type	✓
Gloveboxes	✓
Tanks and ancillary equipment (located both inside and outside the facility)	✓
Fume hoods	✓
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	✓
Floors	✓
Ceilings	✓
Roofs	✓
Other structural members	
Other*	✓

Removal/Size Reduction Technique	✓
Small tools	✓
Paving breaker, jackhammer and/or similar tools used to break up concrete	✓
Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment	✓
Hoists and cranes	✓
Plasma arc cutter	
Diamond wire saw	✓
Wachs cutter	
Laser cutter	
Oxy-torch cutter	✓
Hydraulic shears	
Shear baler	
Water cutter using abrasives	✓
Arc air slice	
Arbor press	
Non-explosive cracking agent	
Other *	

* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):
Stairs & Platform constructed of Metal.

**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITY CHECKLIST**

DECONTAMINATION

Gloveboxes	✓
Tanks and ancillary equipment (located both inside and outside the facility)	✓
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	✓
Floors	✓
Ceilings	✓
Roofs	✓
Other structural members	
Other*	✓

Wiping/scrubbing/washing with water or detergents	✓
Vacuuming	✓
Strippable Coating	✓
Grinding	✓
Scarifying	
Scabbling	✓
Paving breaker/chipping hammer	
Spalling	
Abrasive/grit blasting	✓
CO ₂ blasting	
Hydrolasing	✓
Strong mineral acids	✓
Organic or weak acids	✓
Additional oxidants, such as cerium and other similar metals	
Other *	

* Describe "Other" Component(s) and/or Decontamination Technique(s):

1. Stairs & Platform, 2. Sump Pit

Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by: M. H. Auble

Date: 04/15/2002

FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

Building: 559

Closure Project Manager: Robert Richardella

COMPONENT REMOVAL/SIZE REDUCTION

Gloveboxes	✓
Tanks and ancillary equipment (located both inside and outside the facility)	✓
Fume hoods	✓
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	✓
Floors	✓
Ceilings	✓
Roofs	✓
Other structural members	✓
Other*	

Small tools	✓
Paving breaker, jackhammer and/or similar tools used to break up concrete	✓
Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment	✓
Hoists and cranes	✓
Plasma arc cutter	
Diamond wire saw	✓
Wachs cutter	
Laser cutter	
Oxy-torch cutter	✓
Hydraulic shears	✓
Shear baler	
Water cutter using abrasives	✓
Arc air slice	
Arbor press	
Non-explosive cracking agent	
Other *	

* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITY CHECKLIST**

DECONTAMINATION

Gloveboxes	✓
Tanks and ancillary equipment (located both inside and outside the facility)	✓
Fume hoods	✓
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	✓
Floors	✓
Ceilings	✓
Roofs	✓
Other structural members	✓
Other*	

Wiping/scrubbing/washing with water or detergents	✓
Vacuuming	✓
Strippable Coating	✓
Grinding	✓
Scarifying	
Scabbling	✓
Paving breaker/chipping hammer	✓
Spalling	✓
Abrasive/grit blasting	✓
CO ₂ blasting	
Hydrolasing	✓
Strong mineral acids	✓
Organic or weak acids	✓
Additional oxidants, such as cerium and other similar metals	✓
Other *	

* Describe "Other" Component(s) and/or Decontamination Technique(s):

Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by: M. H. Auble

Date: 04/15/2202

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**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION
ACTIVITY CHECKLIST**

Building: 561

Closure Project Manager: Robert Richardella

COMPONENT REMOVAL/SIZE REDUCTION

Gloveboxes	
Tanks and ancillary equipment (located both inside and outside the facility)	✓
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	✓
Floors	✓
Ceilings	✓
Roofs	✓
Other structural members	✓
Other*	

Small tools	✓
Paving breaker, jackhammer and/or similar tools used to break up concrete	✓
Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment	✓
Hoists and cranes	✓
Plasma arc cutter	✓
Diamond wire saw	✓
Wachs cutter	
Laser cutter	
Oxy-torch cutter	✓
Hydraulic shears	✓
Shear baler	
Water cutter using abrasives	✓
Arc air slice	
Arbor press	
Non-explosive cracking agent	
Other *	

* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

DECONTAMINATION

Gloveboxes	
Tanks and ancillary equipment (located both inside and outside the facility)	✓
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	✓
Floors	✓
Ceilings	✓
Roofs	✓
Other structural members	✓
Other*	

Wiping/scrubbing/washing with water or detergents	✓
Vacuuming	✓
Strippable Coating	✓
Grinding	✓
Scarifying	
Scabbling	✓
Paving breakers/chipping hammer	
Spalling	
Abrasive/grit blasting	
CO ₂ blasting	
Hydrolasing	✓
Strong mineral acids	✓
Organic or weak acids	✓
Additional oxidants, such as cerium and other similar metals	✓
Other *	

* Describe "Other" Component(s) and/or Decontamination Technique(s):

Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by: M.H. Anble

Date: 04/15/2002

Administrative Record Requirements for this Activity

- Final Rocky Flats Cleanup Agreement (RFCA)
- RFETS Decommissioning Program Plan (DPP)
- RFCA Standard Operating Protocol for Component Removal, Size Reduction, and Decontamination Activities
- Reconnaissance Level Characterization Report Area 4-559 Cluster
- Notification Letter and subsequent CDPHE correspondence, if appropriate

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